# EUTOR: An international collaboration for industrial-oriented practical training in robotics\*



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## INTRODUCTION

# **Origin**

FIV-PAK collaboration since 1997

Extension in 2004/05

European Team Seminar on Robotics (EuToR)

Objectives to cover

internationality,
complementarity's background discipline,
teamwork mutual aid and communication,
industrial applications

### **Teams**

German team from TUK: students from mechanical and electronic engineering studies

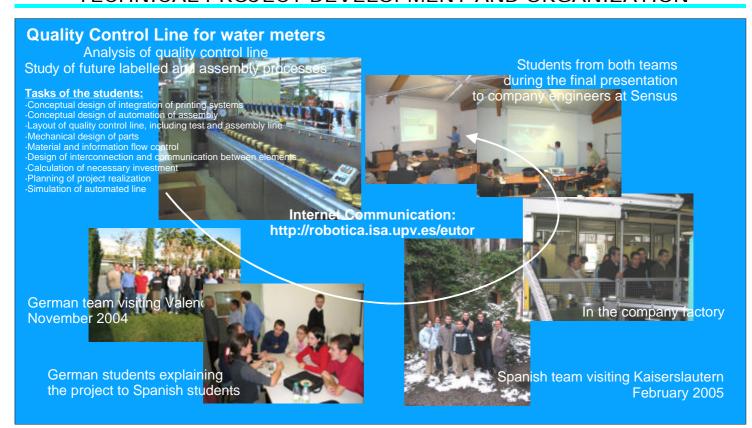
Spanish team from UPV:

students from robotics and CAD specialization in computer science engineering studies

**Project** 

Specified by a company (Sensus)

# TECHNICAL PROJECT DEVELOPMENT AND ORGANIZATION



## STUDENT'S OPINION AND CONCLUSIONS

## Students' comments in a pool:

- This project allowed us to face a real design of an application for a corporation, with the troubles it means, such as design and development decisions and having a deadline.
- We have exercised our group working capability so as individual effort coordination.
  It has given us the chance of having different points of view
- It has given us the chance of having different points of view and to appreciate the differences between the German and the Spanish way of work.

### **Conclusions**

An international industrial-oriented practical training project in automation and robotics involving:

- Cooperation between two national student teams (Germany & Spain)
- German company to study, analyse and work out an industrial problem
  The activity has involved 13 German students and 6 Spanish ones,
  with 6 lecturers acting as tutors.

Main aspects pushed have been:,industrial projects, internationality, group working and cooperation of diverse engineer disciplines